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NATIONAL COMMUNICABLE DISEASE CENTER

Morbidity and Mortality

Vol. 16, No. 48

WEEKLY REPORT

Week Ending December 2, 1967

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

PUBLIC HEALTH SERVICE

BUREAU OF DISEASE PREVENTION AND ENVIRONMENTAL CONTROL

FLORIDA LIBRARIES DEC 1967 DOCUMENTS

EPIDEMIOLOGIC NOTES AND REPORTS
INFLUENZA – Michigan and Florida

The first documented cases of influenza for the 1967-68 epidemiologic year have been reported to NCDC. The first reported outbreak affected approximately 3,000 of 18,500 students at Western Michigan University, Kalamazoo, Michigan, between October 23, and November 10. The peak incidence was reached during the week ending November 28. The second outbreak occurred in the North Miami, Florida, public schools in early November with a peak in incidence on November 8 and 9.

At Western Michigan University approximately 1,000 students sought medical care at the University Health Service, and an estimated 2,000 more were ill but did not seek medical assistance. The illness was characterized by fever, malaise, headache, myalgia, cough, and retrosternal pain. Laboratory study of 11 paired sera from students showed 7 with fourfold rises to influenza A by complement-fixation (CF) test, and 4 with fourfold or greater rises against recent influenza A_2 antigens by

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CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
(Cumulative totals include revised and delayed reports through previous weeks)

DISEASE	48th WEEK ENDED		MEDIAN 1962 - 1966	CUMULATIVE, FIRST 48 WEEKS		
	DECEMBER 2, 1967	DECEMBER 3, 1966		1967	1966	MEDIAN 1962 - 1966
Aseptic meningitis	57	52	47	2,827	2,782	2,003
Brucellosis	7	12	7	233	232	337
Diphtheria	24	—	2	187	184	249
Encephalitis, primary:						
Arthropod-borne & unspecified	15	44	- - -	1,474	2,022	- - -
Encephalitis, post-infectious	9	11	- - -	710	677	- - -
Hepatitis, serum	84	35	751	2,128	1,345	34,952
Hepatitis, infectious	765	739		35,608	29,829	
Malaria	45	17	1	1,933	458	97
Measles (rubeola)	248	1,472	2,327	60,738	197,985	373,642
Meningococcal infections, total	41	48	44	1,999	3,177	2,559
Civilian	41	46	- - -	1,876	2,872	- - -
Military	—	2	- - -	123	305	- - -
Poliomyelitis, total	2	4	5	39	96	113
Paralytic	—	3	4	27	90	90
Rubella (German measles)	263	376	- - -	42,658	44,511	- - -
Streptococcal sore throat & scarlet fever	8,690	9,107	6,331	409,239	387,090	358,429
Tetanus	6	9	7	209	185	259
Tularemia	2	3	4	158	168	269
Typhoid fever	5	6	8	383	352	422
Typhus, tick-borne (Rky. Mt. spotted fever)	1	—	1	297	245	220
Rabies in animals	60	69	69	3,916	3,738	3,738

NOTIFIABLE DISEASES OF LOW FREQUENCY

	Cum.		Cum.
Anthrax:	2	Rabies in man:	2
Botulism:	3	Rubella, Congenital Syndrome: Ore.-1	8
Leptospirosis: La.-1	40	Trichinosis:	54
Plague:	2	Typhus, murine: Ala.-1	42
Psittacosis:	42	Polio, Unsp. Cal.-2	11

INFLUENZA – Michigan and Florida – *(Continued from front page)*

hemagglutination inhibition. The Respirovirus Laboratory at NCDC has confirmed these results.

During the University outbreak, absenteeism also increased in Kalamazoo's public schools. A similar illness was reported in Lansing, Michigan's public schools. The peak incidence occurred the week of November 21, when absenteeism reached 12 to 20 percent. Again paired sera showed diagnostic rises to influenza A_2 antigens. Attempts are presently being made to isolate the virus.

In the Florida outbreak, paired sera from 2 patients had diagnostic serologic rises by CF tests against influenza A. In mid November, one case of influenza was diagnosed by a local physician in Jacksonville, Florida, and confirmed by the Florida State Laboratory by CF serology test against influenza A.

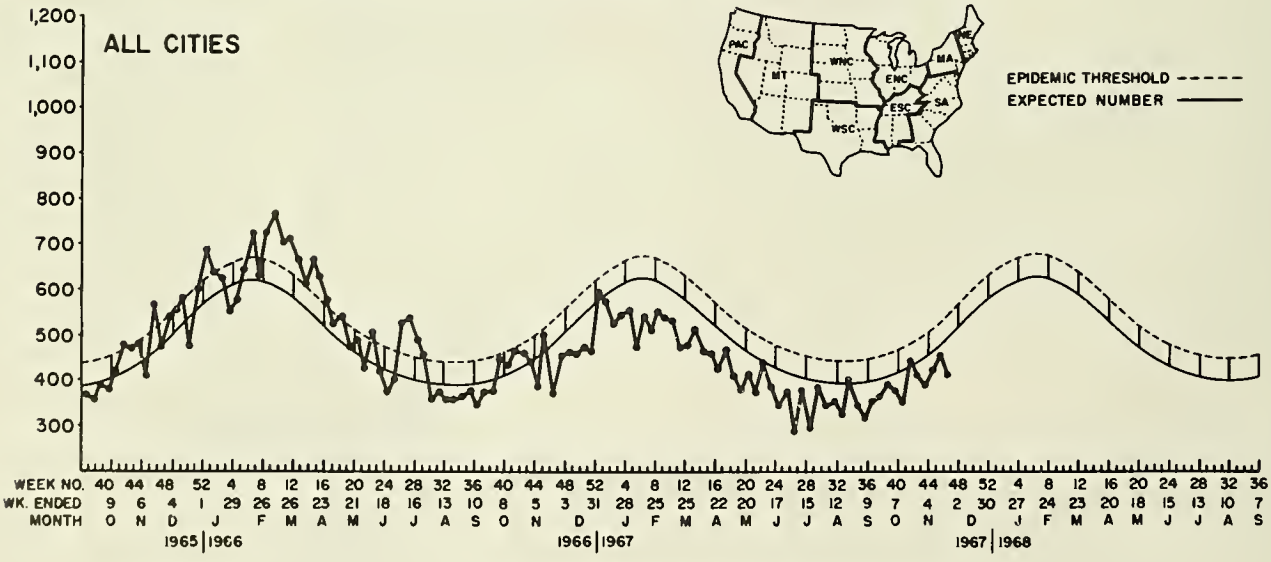
(Reported by George H. Agate, M.D., M.S.P.H., Chief, Division of Epidemiology, and Maurice Becker, Ph.D., Chief, Virology Section, Division of Microbiology, Michigan Department of Public Health; E. Charlton Prather, M.D., M.P.H., Director, Division of Epidemiology, Florida State Board of Health; Respirovirus Unit, Laboratory Program, NCDC; and 2 EIS Officers.)

SURVEILLANCE SUMMARY
INFLUENZA – 1967-68

A review of pneumonia-influenza mortality reported to the National Communicable Disease Center by 122 United States cities shows only minor excursions above the expected number from January through mid November 1967 (Figure 1). Small rises in mortality in mid August and mid October were observed, but pneumonia-influenza mortality for the United States as a whole has not reached epidemic thresholds. Similarly pneumonia-influenza mortality data for the 9 geographic areas in the United States do not reflect significant or sustained levels of excess mortality.

Editorial Note: The basis of the construction of the National Pneumonia-Influenza Mortality Chart is described in the MMWR, Vol. 14, No. 1 of January 9, 1965, pp. 8-9.

Figure 1
PNEUMONIA-INFLUENZA DEATHS IN 122 UNITED STATES CITIES



CURRENT TRENDS
MEASLES

For the 48th week, 248 cases of measles were reported. To date, there have been 60,738 reported cases in the United States, a substantial reduction from the 197,985 cases reported for the same period in 1966, previously the record low year.

The decline in the numbers of reported measles cases since 1962 in 6 states is shown in Figures 2 and 3. Statewide vaccination programs have been conducted in Rhode Island, Maryland, and Utah. In each of these states measles incidence has declined dramatically, even though

surveillance and case finding efforts have been intensified. A similar decline in reported cases has also occurred in Massachusetts, Michigan, and Pennsylvania (Figure 3). In these states no statewide campaigns were conducted, however, community-wide and on-going immunization programs have produced a marked decline in reported measles cases. Most vaccine utilization in these states has been associated with intensification of continuing programs of immunization of preschool and young school aged children.

Figure 2
REPORTED CASES OF MEASLES BY 4-WEEK PERIODS IN 3 STATES CONDUCTING A STATEWIDE CAMPAIGN
1962 – 1967

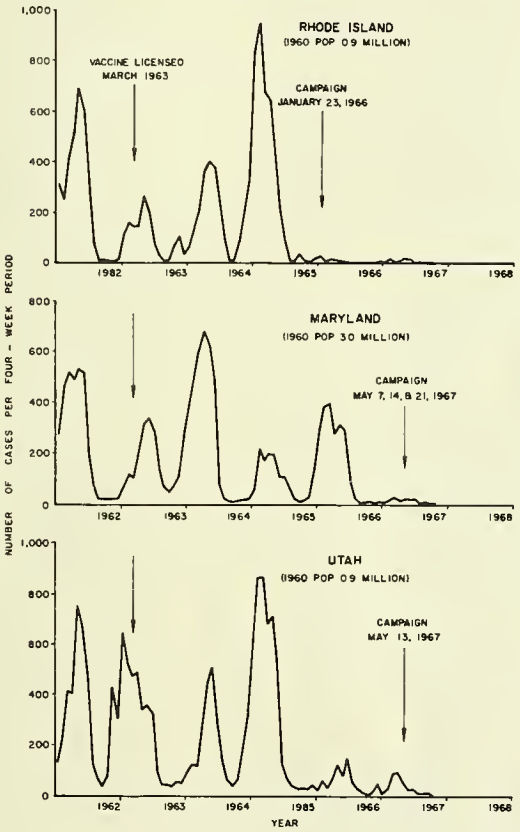
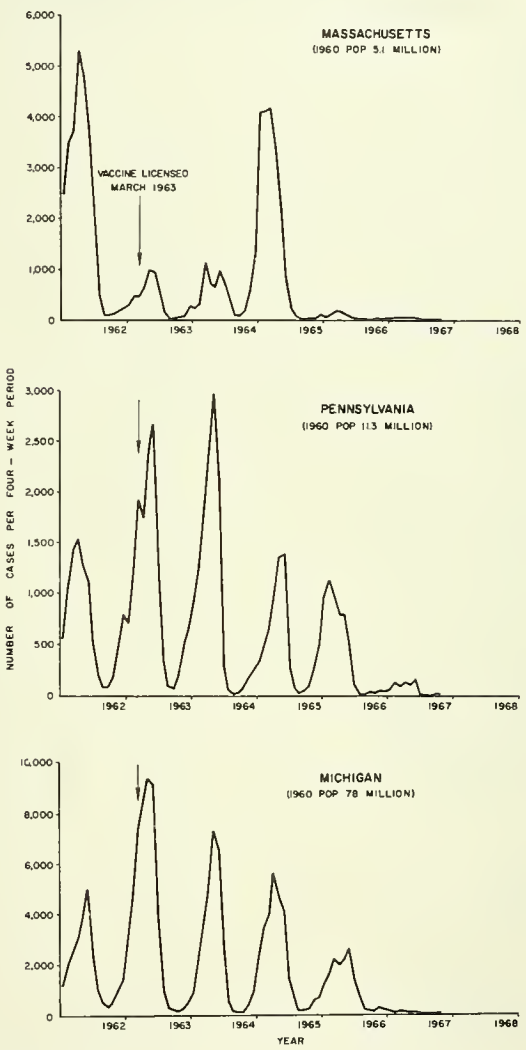


Figure 3
REPORTED CASES OF MEASLES BY 4-WEEK PERIODS IN 3 STATES WITH ON-GOING AND COMMUNITY-WIDE IMMUNIZATION PROGRAMS
1962 – 1967



INTERNATIONAL NOTES

PARA-INFLUENZA – Port-of-Spain, Trinidad

A para-influenza epidemic with five deaths among more than 250 hospitalized children occurred in Port-of-Spain, Trinidad, between October 1, and November 26, 1967. Over 50 percent of the patients were under age 2. Clinical illnesses ranged from severe upper respiratory infections to bronchitis, bronchiolotis, and bronchopneumonia. Severely ill children developed variable degrees of fever, productive cough, pharyngitis, dyspnea, rales, rhonchi, and brochospasm. Axillary temperatures were usually under 102°F, however several children had higher temperatures accompanied by febrile convulsions. X-rays of children with pneumonia showed diffuse bilateral peribronchial infiltration. With treatment most children recovered within a week from onset.

Virus obtained from throat swabs of acutely ill children produced hemadsorption in Rhesus monkey kidney tissue cultures. Lab results from the Trinidad Regional Virus Laboratory and NCDC confirmed the agents as members of the para-influenza group. Since October 1, 20 isolates were typed; 15 were para-influenza I; 5 were para-influenza III. Epidemiologic and laboratory studies are continuing.

(Continued on page 408)

CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED
DECEMBER 2, 1967 AND DECEMBER 3, 1966 (48th WEEK)

AREA	ASEPTIC MENINCITIS		BRUCELLOSIS	DIPHTHERIA	ENCEPHALITIS			HEPATITIS			
					Primary including unsp. cases		Post-Infectious	Serum		Infectious	
	1967	1966	1967	1967	1967	1966	1967	1967	1966	1967	1966
UNITED STATES...	57	52	7	24	15	44	9	84	35	765	739
NEW ENGLAND.....	-	4	-	-	-	2	-	3	-	38	28
Maine.....	-	-	-	-	-	-	-	-	-	2	3
New Hampshire.....	-	-	-	-	-	-	-	-	-	-	-
Vermont.....	-	-	-	-	-	-	-	-	-	-	1
Massachusetts.....	-	2	-	-	-	1	-	2	-	12	13
Rhode Island.....	-	1	-	-	-	1	-	1	-	2	4
Connecticut.....	-	1	-	-	-	-	-	-	-	22	7
MIDDLE ATLANTIC.....	12	19	1	-	1	10	1	35	16	101	113
New York City.....	3	4	-	-	1	6	-	22	13	37	29
New York, Up-State.	2	1	-	-	-	-	-	4	2	12	21
New Jersey.....	5	3	1	-	-	4	-	7	1	23	29
Pennsylvania.....	2	11	-	-	-	-	1	2	-	29	34
EAST NORTH CENTRAL...	5	3	1	-	2	6	1	2	1	128	133
Ohio.....	2	-	-	-	1	4	-	-	-	25	16
Indiana.....	-	-	-	-	-	-	-	-	-	12	13
Illinois.....	1	1	-	-	-	1	1	1	-	37	25
Michigan.....	1	1	1	-	1	-	-	1	1	39	54
Wisconsin.....	1	1	-	-	-	1	-	-	-	15	25
WEST NORTH CENTRAL...	-	-	5	-	1	7	-	-	-	53	26
Minnesota.....	-	-	1	-	-	1	-	-	-	17	7
Iowa.....	-	-	3	-	1	-	-	-	-	16	12
Missouri.....	-	-	1	-	-	-	-	-	-	12	4
North Dakota.....	-	-	-	-	-	-	-	-	-	2	-
South Dakota.....	-	-	-	-	-	-	-	-	-	-	-
Nebraska.....	-	-	-	-	-	-	-	-	-	-	-
Kansas.....	-	-	-	-	-	6	-	-	-	6	3
SOUTH ATLANTIC.....	12	3	-	4	5	7	5	2	2	92	60
Delaware.....	-	1	-	-	-	-	-	-	-	5	2
Maryland.....	2	-	-	-	-	-	-	-	1	13	20
Dist. of Columbia..	-	-	-	-	-	-	-	-	-	2	-
Virginia.....	1	-	-	1	-	-	-	-	-	10	7
West Virginia.....	2	-	-	-	-	-	-	1	-	13	4
North Carolina.....	1	1	-	-	2	2	-	-	-	3	4
South Carolina.....	-	-	-	-	-	-	-	-	-	1	1
Georgia.....	-	-	-	-	-	-	-	-	-	34	12
Florida.....	6	1	-	3	3	5	5	1	1	11	10
EAST SOUTH CENTRAL...	-	12	-	4	-	4	-	1	1	57	71
Kentucky.....	-	-	-	-	-	-	-	-	-	19	24
Tennessee.....	-	4	-	-	-	1	-	1	1	20	26
Alabama.....	-	2	-	4	-	-	-	-	-	2	12
Mississippi.....	-	6	-	-	-	3	-	-	-	16	9
WEST SOUTH CENTRAL...	4	1	-	16	1	2	1	2	2	89	58
Arkansas.....	2	-	-	-	-	1	-	-	-	22	3
Louisiana.....	-	1	-	1	1	-	-	1	2	18	3
Oklahoma.....	-	-	-	-	-	-	-	-	-	6	11
Texas.....	2	-	-	15	-	1	1	1	-	43	41
MOUNTAIN.....	1	3	-	-	-	-	-	-	-	13	85
Montana.....	-	-	-	-	-	-	-	-	-	7	11
Idaho.....	-	-	-	-	-	-	-	-	-	-	24
Wyoming.....	-	-	-	-	-	-	-	-	-	2	2
Colorado.....	1	-	-	-	-	-	-	-	-	-	6
New Mexico.....	-	-	-	-	-	-	-	-	-	2	26
Arizona.....	-	-	-	-	-	-	-	-	-	-	12
Utah.....	-	3	-	-	-	-	-	-	-	-	3
Nevada.....	-	-	-	-	-	-	-	-	-	2	1
PACIFIC.....	23	7	-	-	5	6	1	39	13	194	165
Washington.....	-	-	-	-	-	-	-	-	-	20	22
Oregon.....	-	-	-	-	-	1	-	1	-	12	27
California.....	21	7	-	-	5	5	1	38	13	161	115
Alaska.....	-	-	-	-	-	-	-	-	-	-	1
Hawaii.....	2	-	-	-	-	-	-	-	-	1	-
Puerto Rico	-	2	-	-	-	1	-	-	-	22	23

CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

DECEMBER 2, 1967 AND DECEMBER 3, 1966 (48th WEEK) - CONTINUED

AREA	MALARIA	MEASLES (Rubeola)			MENINCOCOCCAL INFECTIONS, TOTAL			POLIOMYELITIS			RUBELLA
			Cumulative			Cumulative		Total	Paralytic		
	1967	1967	1967	1966	1967	1967	1966	1967	1967	Cum. 1967	1967
UNITED STATES...	45	248	60,738	197,985	41	1,999	3,177	2	-	27	263
NEW ENGLAND.....	1	8	931	2,518	2	80	147	-	-	-	30
Maine.....	-	-	262	285	-	3	12	-	-	-	3
New Hampshire.....	-	-	77	80	-	3	9	-	-	-	-
Vermont.....	-	-	42	323	-	1	4	-	-	-	-
Massachusetts.....	-	7	391	825	-	36	62	-	-	-	6
Rhode Island.....	-	-	62	73	2	6	17	-	-	-	3
Connecticut.....	1	1	97	932	-	31	43	-	-	-	18
MIDDLE ATLANTIC.....	9	33	2,482	18,413	9	331	413	-	-	5	29
New York City.....	1	11	508	8,360	4	60	64	-	-	1	13
New York, Up-State.	-	7	629	2,621	-	81	112	-	-	1	4
New Jersey.....	4	11	575	1,968	3	108	119	-	-	-	12
Pennsylvania.....	4	4	770	5,464	2	82	118	-	-	3	-
EAST NORTH CENTRAL...	2	63	6,028	70,001	3	277	501	-	-	6	77
Ohio.....	-	2	1,177	6,444	-	92	145	-	-	-	1
Indiana.....	1	10	647	5,787	-	31	88	-	-	3	4
Illinois.....	-	24	1,162	11,486	-	61	89	-	-	-	8
Michigan.....	1	5	1,006	15,008	3	72	128	-	-	3	37
Wisconsin.....	-	22	2,036	31,276	-	21	51	-	-	-	27
WEST NORTH CENTRAL...	1	3	2,943	9,128	-	93	165	-	-	3	11
Minnesota.....	-	-	133	1,674	-	21	35	-	-	-	-
Iowa.....	-	2	776	5,408	-	19	22	-	-	1	9
Missouri.....	-	-	340	538	-	18	64	-	-	-	-
North Dakota.....	-	1	886	1,311	-	3	11	-	-	-	-
South Dakota.....	-	-	58	40	-	7	6	-	-	-	-
Nebraska.....	-	-	656	157	-	15	11	-	-	-	2
Kansas.....	1	-	94	NN	-	10	16	-	-	2	-
SOUTH ATLANTIC.....	14	20	7,214	15,891	12	388	536	-	-	2	19
Delaware.....	1	-	50	263	1	8	5	-	-	-	1
Maryland.....	-	-	174	2,123	2	55	49	-	-	1	-
Dist. of Columbia..	-	-	24	390	-	15	14	-	-	-	-
Virginia.....	-	1	2,254	2,247	-	43	67	-	-	-	5
West Virginia.....	-	-	1,457	5,494	1	37	41	-	-	-	2
North Carolina.....	10	-	926	621	5	80	134	-	-	1	-
South Carolina.....	1	-	512	663	1	32	54	-	-	-	1
Georgia.....	-	1	42	241	-	57	77	-	-	-	-
Florida.....	2	18	1,775	3,849	2	61	95	-	-	-	10
EAST SOUTH CENTRAL...	-	12	5,460	20,397	1	156	275	-	-	2	19
Kentucky.....	-	2	1,428	4,809	-	45	95	-	-	-	1
Tennessee.....	-	8	2,002	12,607	1	68	92	-	-	-	18
Alabama.....	-	-	1,354	1,762	-	29	59	-	-	-	-
Mississippi.....	-	2	676	1,219	-	14	29	-	-	2	-
WEST SOUTH CENTRAL...	2	41	18,005	26,106	12	258	425	-	-	9	1
Arkansas.....	-	-	1,404	982	9	46	36	-	-	1	1
Louisiana.....	1	-	156	99	1	98	161	-	-	-	-
Oklahoma.....	1	-	3,359	578	-	18	22	-	-	1	-
Texas.....	-	41	13,086	24,447	2	96	206	-	-	7	-
MOUNTAIN.....	2	17	4,848	12,497	-	40	94	-	-	-	8
Montana.....	-	-	328	1,903	-	5	5	-	-	-	2
Idaho.....	-	-	395	1,676	-	3	5	-	-	-	-
Wyoming.....	-	7	202	233	-	1	6	-	-	-	-
Colorado.....	-	7	1,617	1,407	-	13	49	-	-	-	3
New Mexico.....	1	2	606	1,210	-	5	10	-	-	-	-
Arizona.....	1	1	1,048	5,351	-	6	13	-	-	-	3
Utah.....	-	-	383	662	-	4	1	-	-	-	-
Nevada.....	-	-	269	55	-	3	5	-	-	-	-
PACIFIC.....	14	51	12,827	23,034	2	376	621	2	-	-	69
Washington.....	6	16	5,623	4,860	-	37	52	-	-	-	16
Oregon.....	-	9	1,698	2,338	-	30	40	-	-	-	20
California.....	8	25	5,183	15,059	2	294	507	2	-	-	20
Alaska.....	-	1	141	615	-	11	18	-	-	-	11
Hawaii.....	-	-	182	162	-	4	4	-	-	-	2
Puerto Rico.....	-	5	2,236	3,356	-	15	17	-	-	-	-

CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED
DECEMBER 2, 1967 AND DECEMBER 3, 1966 (48th WEEK) - CONTINUED

AREA	STREPTOCOCCAL SORE THROAT & SCARLET FEVER	TETANUS		TULAREMIA		TYPHOID		TYPHUS FEVER TICK-BORNE (Rky. Mt. Spotted)		RABIES IN ANIMALS	
	1967	1967	Cum. 1967	1967	Cum. 1967	1967	Cum. 1967	1967	Cum. 1967	1967	Cum. 1967
UNITED STATES...	8,690	6	209	2	158	5	383	1	297	60	3,916
NEW ENGLAND.....	879	-	2	-	1	-	10	-	1	1	99
Maine.....	31	-	-	-	-	-	-	-	-	-	24
New Hampshire.....	7	-	-	-	-	-	-	-	-	1	47
Vermont.....	41	-	-	-	-	-	-	-	-	-	22
Massachusetts.....	194	-	1	-	1	-	6	-	1	-	4
Rhode Island.....	86	-	-	-	-	-	1	-	-	-	2
Connecticut.....	520	-	1	-	-	-	3	-	-	-	-
MIDDLE ATLANTIC.....	244	1	14	-	1	1	39	-	35	2	95
New York City.....	8	1	8	-	-	1	20	-	-	-	-
New York, Up-State.	216	-	1	-	1	-	11	-	9	2	79
New Jersey.....	NN	-	1	-	-	-	4	-	15	-	-
Pennsylvania.....	20	-	4	-	-	-	4	-	11	-	16
EAST NORTH CENTRAL...	815	-	26	1	15	1	41	-	22	4	370
Ohio.....	21	-	4	-	-	1	14	-	11	-	131
Indiana.....	198	-	3	-	2	-	11	-	1	3	84
Illinois.....	268	-	13	1	13	-	6	-	10	1	69
Michigan.....	219	-	5	-	-	-	8	-	-	-	23
Wisconsin.....	109	-	1	-	-	-	2	-	-	-	63
WEST NORTH CENTRAL...	415	-	16	-	22	-	21	-	4	15	922
Minnesota.....	9	-	5	-	-	-	2	-	1	4	184
Iowa.....	136	-	2	-	1	-	3	-	-	2	125
Missouri.....	8	-	7	-	9	-	10	-	1	1	166
North Dakota.....	72	-	-	-	-	-	-	-	-	4	159
South Dakota.....	53	-	1	-	2	-	-	-	-	-	116
Nebraska.....	120	-	-	-	-	-	4	-	2	3	66
Kansas.....	17	-	1	-	10	-	2	-	-	1	106
SOUTH ATLANTIC.....	1,336	3	45	-	10	1	62	-	119	9	472
Delaware.....	6	-	-	-	-	-	-	-	-	-	-
Maryland.....	145	-	-	-	-	-	2	-	21	-	4
Dist. of Columbia..	41	-	-	-	-	-	3	-	-	-	6
Virginia.....	359	-	10	-	-	1	8	-	28	6	202
West Virginia.....	318	-	1	-	2	-	2	-	1	-	62
North Carolina.....	144	-	7	-	-	-	4	-	47	-	3
South Carolina.....	61	-	1	-	2	-	10	-	5	-	2
Georgia.....	14	-	4	-	5	-	21	-	17	1	115
Florida.....	248	3	22	-	1	-	12	-	-	2	78
EAST SOUTH CENTRAL...	1,620	-	31	-	12	-	64	-	53	9	740
Kentucky.....	32	-	4	-	2	-	24	-	15	4	168
Tennessee.....	1,287	-	8	-	7	-	11	-	26	4	514
Alabama.....	289	-	11	-	1	-	12	-	12	1	48
Mississippi.....	12	-	8	-	2	-	17	-	-	-	10
WEST SOUTH CENTRAL...	824	2	50	1	81	1	40	1	43	8	872
Arkansas.....	21	1	6	1	48	-	12	-	14	3	111
Louisiana.....	2	-	4	-	8	1	16	-	2	-	67
Oklahoma.....	59	1	4	-	18	-	7	-	16	2	339
Texas.....	742	-	36	-	7	-	5	1	11	3	355
MOUNTAIN.....	1,570	-	3	-	10	1	21	-	9	2	113
Montana.....	71	-	-	-	1	-	2	-	-	-	-
Idaho.....	39	-	-	-	-	-	-	-	-	-	-
Wyoming.....	273	-	-	-	2	-	1	-	-	-	5
Colorado.....	768	-	2	-	1	-	12	-	9	-	10
New Mexico.....	230	-	1	-	-	-	2	-	-	-	34
Arizona.....	86	-	-	-	-	1	4	-	-	2	52
Utah.....	103	-	-	-	6	-	-	-	-	-	3
Nevada.....	-	-	-	-	-	-	-	-	-	-	9
PACIFIC.....	987	-	22	-	6	-	85	-	11	10	233
Washington.....	236	-	-	-	2	-	2	-	2	-	2
Oregon.....	160	-	1	-	1	-	3	-	3	-	4
California.....	516	-	17	-	3	-	77	-	6	10	227
Alaska.....	21	-	-	-	-	-	-	-	-	-	-
Hawaii.....	54	-	4	-	-	-	3	-	-	-	-
Puerto Rico.....	19	-	18	-	-	-	8	-	-	1	32

Week No. 48

DEATHS IN 122 UNITED STATES CITIES FOR WEEK ENDED DECEMBER 2, 1967

(By place of occurrence and week of filing certificate. Excludes fetal deaths)

Area	All Causes		Pneumonia and Influenza All Ages	Under 1 year All Causes
	All Ages	65 years and over		
NEW ENGLAND:	822	513	35	40
Boston, Mass.	255	146	10	16
Bridgeport, Conn.	55	34	7	1
Cambridge, Mass.	28	21	1	-
Fall River, Mass.	34	23	-	1
Hartford, Conn.	59	33	3	7
Lowell, Mass.	36	23	3	3
Lynn, Mass.	29	20	-	-
New Bedford, Mass.	33	21	-	-
New Haven, Conn.	63	36	2	2
Providence, R. I.	57	37	1	3
Somerville, Mass.	14	11	1	-
Springfield, Mass.	56	36	3	1
Waterbury, Conn.	40	30	-	1
Worcester, Mass.	63	42	4	5
MIDDLE ATLANTIC:	3,769	2,249	140	177
Albany, N. Y.	56	30	-	2
Allentown, Pa.	35	22	-	2
Buffalo, N. Y.	186	108	4	6
Camden, N. J.	50	28	7	5
Elizabeth, N. J.	51	31	3	2
Erie, Pa.	31	16	2	2
Jersey City, N. J.	69	43	4	7
Newark, N. J.	103	48	6	7
New York City, N. Y.	1,839	1,107	69	82
Paterson, N. J.	55	36	2	3
Philadelphia, Pa.	556	329	11	15
Pittsburgh, Pa.	262	150	6	17
Reading, Pa.	56	40	2	4
Rochester, N. Y.	114	69	7	6
Schenectady, N. Y.	37	24	-	1
Scranton, Pa.	67	41	5	4
Syracuse, N. Y.	63	40	1	6
Trenton, N. J.	67	39	3	4
Utica, N. Y.	29	18	4	1
Yonkers, N. Y.	43	30	4	1
EAST NORTH CENTRAL:	2,829	1,667	77	124
Akron, Ohio	77	47	-	3
Canton, Ohio	32	23	1	-
Chicago, Ill.	813	472	20	37
Cincinnati, Ohio	180	115	5	2
Cleveland, Ohio	225	127	4	3
Columbus, Ohio	124	74	4	7
Dayton, Ohio	90	52	1	4
Detroit, Mich.	323	187	5	16
Evansville, Ind.	50	36	3	-
Flint, Mich.	59	31	1	5
Fort Wayne, Ind.	62	36	3	5
Gary, Ind.	37	21	4	2
Grand Rapids, Mich.	56	33	5	2
Indianapolis, Ind.	180	99	3	13
Madison, Wis.	30	14	-	1
Milwaukee, Wis.	177	104	4	6
Peoria, Ill.	47	32	1	4
Rockford, Ill.	28	19	5	1
South Bend, Ind.	57	41	4	3
Toledo, Ohio	117	63	4	8
Youngstown, Ohio	65	41	-	2
WEST NORTH CENTRAL:	971	582	34	52
Des Moines, Iowa	67	40	1	-
Duluth, Minn.	24	13	-	-
Kansas City, Kans.	43	18	3	5
Kansas City, Mo.	159	104	4	11
Lincoln, Nebr.	35	30	1	-
Minneapolis, Minn.	105	72	2	3
Omaha, Nebr.	89	57	-	2
St. Louis, Mo.	303	163	11	19
St. Paul, Minn.	80	52	1	7
Wichita, Kans.	66	33	11	5
SOUTH ATLANTIC:	1,241	709	46	59
Atlanta, Ga.	147	83	10	14
Baltimore, Md.	281	161	6	10
Charlotte, N. C.	56	27	2	6
Jacksonville, Fla.	59	33	2	3
Miami, Fla.	97	54	2	5
Norfolk, Va.	56	29	6	3
Richmond, Va.	80	39	2	2
Savannah, Ga.	39	25	3	1
St. Petersburg, Fla.	79	70	3	1
Tampa, Fla.	84	48	3	5
Washington, D. C.	230	121	6	8
Wilmington, Del.	33	19	1	1
EAST SOUTH CENTRAL:	694	346	32	42
Birmingham, Ala.	125	61	1	5
Chattanooga, Tenn.	53	19	4	2
Knoxville, Tenn.	54	32	5	3
Louisville, Ky.	139	72	5	10
Memphis, Tenn.	136	60	4	8
Mobile, Ala.	68	37	3	8
Montgomery, Ala.	46	29	6	3
Nashville, Tenn.	73	36	4	3
WEST SOUTH CENTRAL:	1,377	720	56	106
Austin, Tex.	35	19	5	4
Baton Rouge, La.	52	26	2	3
Corpus Christi, Tex.	32	18	-	2
Dallas, Tex.	171	88	8	10
El Paso, Tex.	42	15	1	7
Fort Worth, Tex.	94	55	-	6
Houston, Tex.	287	126	12	27
Little Rock, Ark.	60	31	2	4
New Orleans, La.	182	97	7	18
Oklahoma City, Okla.	124	68	3	5
San Antonio, Tex.	144	84	-	8
Shreveport, La.	49	26	6	3
Tulsa, Okla.	105	67	10	9
MOUNTAIN:	486	304	24	25
Albuquerque, N. Mex.	50	30	3	2
Colorado Springs, Colo.	23	18	5	1
Denver, Colo.	126	72	1	9
Ogden, Utah	23	12	4	-
Phoenix, Ariz.	120	69	8	7
Pueblo, Colo.	26	24	1	-
Salt Lake City, Utah	51	37	1	4
Tucson, Ariz.	67	42	1	2
PACIFIC:	1,582	947	33	72
Berkeley, Calif.	17	14	-	-
Fresno, Calif.	62	36	3	1
Glendale, Calif.	27	17	1	1
Honolulu, Hawaii	54	21	-	6
Long Beach, Calif.	73	49	-	5
Los Angeles, Calif.	466	290	9	24
Oakland, Calif.	83	51	1	4
Pasadena, Calif.	36	23	-	-
Portland, Oreg.	135	67	3	7
Sacramento, Calif.	67	40	3	1
San Diego, Calif.	92	47	3	7
San Francisco, Calif.	193	115	4	3
San Jose, Calif.	44	24	-	5
Seattle, Wash.	143	86	3	6
Spokane, Wash.	47	39	2	1
Tacoma, Wash.	43	28	1	1
Total	13,771	8,307	477	697

Cumulative Totals
including reported corrections for previous weeks

All Causes, All Ages ----------590,158
All Causes, Age 65 and over----------336,944
Pneumonia and Influenza, All Ages---------- 20,613
All Causes, Under 1 Year of Age---------- 29,935

PARA-INFLUENZA – Port-of-Spoin, Trinidad

(Continued from page 403)

Previous studies by TRVL implicated para-influenza viruses in sporadic respiratory illness and respiratory syncytial virus as the principal cause of epidemics among pediatric patients. In 1964, an outbreak of respiratory syncytial virus infections occurred among infants in Port-of-Spain. Over 60 cases were documented by virus isolations or serologic studies. During 1964-66, para-influenza viruses were isolated sporadically from children with respiratory diseases. For the 3-year period, 6 isolates of para-influenza I, 1 isolate of para-influenza II, and 24 isolates of para-influenza III were recorded. However, the occurrence of a large epidemic due to para-influenza agents is an epidemiologic pattern not previously recognized in the Eastern Caribbean.

(Reported by Dr. L. M. Comissiong, Chief Medical Officer, Ministry of Health, Government of Trinidad and Tobago; Dr. L. Spence, Director, Trinidad Regional Virus Laboratory, University of the West Indies; and an EIS Officer.)

QUARANTINE MEASURES

Immunization Information for International Travel 1967-68 edition–Public Health Service Publication No. 384

Section 5

AMERICA

St. Pierre and Miquelon Islands – Page 48

SMALLPOX

Insert: Smallpox vaccination required of arrivals from infected areas, and from countries in Africa, in America (Except Canada and United States of America), and in Asia.

CHOLERA

Insert: Cholera vaccination required of arrivals from infected areas by air, 6 months of age and over.

ERRATUM, Vol. 16, No. 47, p. 394

In Figure 2 delete block representing fatal case on October 11.

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IN ADDITION TO THE ESTABLISHED PROCEDURES FOR REPORTING MORBIDITY AND MORTALITY, THE NATIONAL COMMUNICABLE DISEASE CENTER WELCOMES ACCOUNTS OF INTERESTING OUTBREAKS OR CASE INVESTIGATIONS WHICH ARE OF CURRENT INTEREST TO HEALTH OFFICIALS AND WHICH ARE DIRECTLY RELATED TO THE CONTROL OF COMMUNICABLE DISEASES. SUCH COMMUNICATIONS SHOULD BE ADDRESSED TO:

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ATLANTA, GEORGIA 30333
ATTN: THE EDITOR
MORBIDITY AND MORTALITY WEEKLY REPORT

NOTE: THE DATA IN THIS REPORT ARE PROVISIONAL AND ARE BASED ON WEEKLY TELEGRAMS TO THE NCDC BY THE INDIVIDUAL STATE HEALTH DEPARTMENTS. THE REPORTING WEEK CONCLUDES ON SATURDAY; COMPILED DATA ON A NATIONAL BASIS ARE RELEASED ON THE SUCCEEDING FRIDAY.

U.S. DEPARTMENT OF
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